

PREFACE

The International Conference “Mathematical Modeling and Computational Physics 2024” (MMCP 2024) is jointly organized by the Joint Institute for Nuclear Research (JINR), Dubna, Russia, the A. I. Alikhanian National Science Laboratory of Yerevan Physics Institute, Armenia, the Yerevan State University, Armenia, and Institute for Informatics and Automation Problems of the National Academy of Sciences of the Republic of Armenia, Yerevan, Armenia.

This year the MMCP conference is dedicated to the 80th anniversary of the birth of Academician Alexei Norairovich Sissakian (October 14, 1944 – May 1, 2010), an outstanding scientist in the field of elementary particle physics, theoretical and mathematical physics, director of the Joint Institute for Nuclear Research (2006 – 2010).

The MMCP 2024 follows the rich traditions of the previous conferences on mathematical modeling, numerical methods and computational physics that have been held in Dubna, Russia, since 1964, and, alternatively in Slovakia and Dubna since 2006, e.g., Computational Modeling and Computing in Physics 1996, Modern Trends in Computational Physics 1998, V. International Congress on Mathematical Modeling 2002, Mathematical Modeling and Computational Physics 2006, 2009, 2011, 2013, 2015, 2017, and 2019.

The Conference includes two kinds of contributions: invited plenary lectures, by invitation of the Organizing Committee, and original contributions, proposed by the participants and accepted by the Organizing Committee.

We welcome all the participants of the Conference, both the scientists having contributions included in the Book of Abstracts, and those who simply attend the Conference since they have found it attractive enough.

Conference Chairmen,
V. V. Korenkov (JINR Dubna)
G. Karyan (AANL Yerevan)